

Amendments to the Specification:

Please replace the paragraph beginning at page 26, line 9 with the following amended paragraph:

Figures 7 to 12 show the rms frequency error performance of the algorithm vs SNR in dB, for  $N=2,4,16,64,[[246]]\underline{256}$ , and 1024, respectively. Both the cases of one interpolation and two iterative interpolations are shown. The two interpolation case is essentially achieves the performance of the infinite interpolation case.